ASSIGNMENT 1

Textbook Assignment: "Magazines, and Magazine Sprinkler Systems" chapter 1, pages 1-1 through 1-13; and "Small Arms," chapter 2, pages 2-1 through 2-20.

1-1. What type of magazine is designed to hold a ship's entire peacetime allowance of ammunition?

1. Primary
2. Secondary
3. Ready-service

1-2. What type of magazine or locker provides permanent stowage of ammunition convenient to the weapon that it serves?

1. Primary
2. Secondary
3. Ready-service magazine
4. Ready-service locker

1-3. Which of the following publications provides specific information concerning shipboard ammunition stowage requirements?

1. NAVSEA OP 4
2. NAVSEA OP 5
3. NAVSEA SW030-AA-MMO-010
4. NAVSEA S9522-AA-HBK-010

1-4. Who is the custodian of all magazine keys aboard ship?

1. The Officer of the Deck
2. The Weapons Officer
3. The Executive Officer
4. The Commanding Officer

1-5. What is the primary source of magazine inspection criteria?

1. NAVSEA OP 4
2. NAVSEA OP 5
3. OPNAV Instructions
4. Security Manual

1-6. What is the main purpose of the daily magazine inspection?

1. To check material condition
2. To check and record temperatures
3. To check for gear adrift
4. To inspect the fire main

1-7. Magazine inspection MRCs contain the same criteria as used by what inspection team?

1. ESI
2. ESO
3. PSI
4. SMI

1-8. At what time interval should magazine temperatures be taken?

1. Once daily
2. Twice a day
3. Once a week
4. Once a month

1-9. Which of the following temperatures should be recorded on a magazine record card inside the magazine?

1. High only
2. Low only
3. High and low only
4. High, low, and present

1-10. What is the purpose of the exhaust ventilator pipe and check valve in shipboard magazines?

1. To shut off the entry of fresh air into the magazine
2. To vent pressure when the space is flooded by the sprinkler system
3. To exhaust dangerous gases that may have built-up in the firemain
4. To control the sprinkler system's pressure level

1-11. Sprinkler control valves are designed to operate at what minimum firemain pressure?

1. 40 PSI
2. 50 PSI
3. 70 PSI
4. 100 PSI

1-12. A diaphragm-operated valve is held closed by what type(s) of pressure?

1. Spring pressure only
2. Firemain pressure only
3. Both spring and firemain pressure
4. Mechanical linkage

1-13. Sprinkler system transmission lines should be constructed of which of the following materials?

1. Brass
2. Copper
3. Lead
4. Steel

1-14. The automatic control unit consists of HSDs, transmission lines, and a PRP valve only.

1. True
2. False

1-15. Heat-sensing devices are designed to create pressure in response to what condition(s)?

1. Fire only
2. A rapid rise in temperature only
3. Fire and a rapid rise in temperature
4. A slow or rapid rise in temperature

1-16. At what temperature is the fusible link of an HSD designed to part?

1. 155°F
2. 160°F
3. 165°F
4. 175°F

1-17. What force or condition activates the PRP valve?

1. A vacuum pressure
2. A differential pressure
3. Heat
4. Barometric pressure

1-18. What sprinkler system component prevents the rapid increase in air pressure created in an individual HSD from pressurizing the entire system?

1. Vented check valve
2. Orifice
3. Drain line
4. Pneumatically released pilot

1-19. What is the purpose of the compensating vent on the PRP valve?

1. To equalize the system after it has been activated
2. To compensate for fluctuation in barometric pressure
3. To allow the PRP valve to be adjusted for different temperature ranges
4. To vent slight pressures caused by normal temperature changes

1-20. How much pressure is required to trip a PRP valve?

1. 8 oz
2. 8 lb
3. 5 oz
4. 5 lb

1-21. What sprinkler system valve allows the system to be secured from a station other than the one from which it was activated?

1. Manual control valve
2. Hydraulically-operated remote control valve
3. Spring-loaded lift check valve
4. Hydraulically-operated check valve

1-22. What sprinkler system valve permits a main sprinkler valve to close rapidly and completely?

1. Power-operated check valve
2. Vacuum-operated lift valve
3. Spring-loaded lift valve
4. Hydraulically-operated check valve

1-23. What sprinkler system component prevents a buildup of pressure in the control piping because of valve leakage?

1. Hydraulically-operated check valve
2. Orifice
3. Pressure check valve
4. Drain line

1-24. What magazine alarm indicates water in the dry side of the sprinkler system piping?

1. F
2. FD
3. FH
4. WT

1-25. The F alarm should sound when the magazine temperature rises above 105°F.

1. True
2. False

1-26. From what source does the Navy get most of its small arms?

1. The Springfield Armory
2. The Marine Corps
3. The Army
4. The manufacturers

1-27. Small-arms maintenance requirements are found in what publications?

1. TMs
2. Army FMs
3. Marine Corps FMs
4. MRCs

1-28. What is the Navy's equivalent of the Army's M1911A1?

1. Model 1911 Alteration 1
2. Mk 1911 Mod 1
3. Mark 1911 Model 1
4. Model 1911 Mark 1

1-29. What is the bore diameter of the 12-gauge shotgun?

1. .410 in.
2. .729 in.
3. .120 in.
4. 12 mm

1-30. What function in the small-arms cycle of operation keeps the bolt closed after firing to prevent loss of gas pressure?

1. Ejection
2. Extraction
3. Feeding
4. Locking

1-31. What two small-arms components work together to remove a spent cartridge case from the chamber and expel it from the weapon?

1. Case remover and ejector
2. Extractor and ejector
3. Case remover and extractor
4. Sear and case extractor

1-32. What type of small-arms weapon requires the trigger to be pulled each time a round is to be fired?

1. Automatic
2. Blowback-operated
3. Gas-operated
4. Semiautomatic

1-33. What type of small-arms weapon uses the force of the burning propellant to operate the bolt and feeder mechanism?

1. Automatic
2. Blowback-operated
3. Gas-operated
4. Semiautomatic

1-34. In what type of small-arms operation is the weight of the breech bolt an important factor?

1. Automatic
2. Blowback-operated
3. Gas-operated
4. Recoil-operated

1-35. In what type of small-arms operation are the barrel and the bolt locked together for a short time as they travel rearward after firing?

1. Automatic
2. Blowback-operated
3. Gas-operated
4. Recoil-operated

1-36. What type of small-arms operation allows a weapon to keep firing as long as the trigger is kept pulled?

1. Automatic
2. Blowback-operated
3. Gas-operated
4. Recoil-operated

1-37. What term is defined as the greatest distance a weapon can be expected to fire accurately?

1. Maximum accurate range
2. Accurate range
3. Effective distance
4. Maximum effective range

1-38. What term is defined as the number of rounds per minute that a weapon can fire in full automatic operation?

1. Cyclic rate of fire
2. Sustained rate of fire
3. Maximum rate or fire
4. Timed rate of fire

1-39. The magazine of an M1911A1 pistol can hold a total of how many rounds?

1. Five
2. Six
3. Seven
4. Nine

1-40. The M1911A1 pistol uses what type of operation?

1. Autoloading
2. Automatic
3. Gas operation
4. Recoil operation

1-41. Which of the following actions should you take before performing any work on a weapon?

1. Dry-fire the weapon
2. Make sure the weapon is clear of ammunition
3. Obtain permission from the work center supervisor
4. Inform the work center supervisor

1-42. What is the first step in field-stripping an M1911A1 pistol?

1. Removing the slide stop
2. Releasing the operating spring tension
3. Removing the firing pin
4. Removing the barrel bushing

1-43. Which of the following is a positive safety on the M1911A1 pistol?

1. Safety lock
2. Grip safety
3. Disconnect safety
4. Half-cocked safety

1-44. On an M1911A1 pistol, when does the disconnector function to prevent firing?

1. When the hammer is not fully cocked
2. When the safety lock is engaged
3. When the slide is fully forward
4. When the slide is not fully forward

1-45. How does the grip safety prevent firing of the M1911A1 pistol?

1. By locking the sear in place
2. By locking the hammer in place
3. By directly preventing movement of the sear
4. By preventing movement of the trigger

1-46. During firing, what action unlocks the barrel of an M1911A1 pistol from its slide?

1. The downward pivot of the barrel during recoil
2. The spring action of the extractor
3. The spring action of the operating spring
4. The camming action of the barrel link as it passes over the disconnector

1-47. The M9 pistol operates by which of the following methods?

1. Gas
2. Blowback
3. Short-recoil
4. Long-recoil

1-48. The M9 has a magazine capacity of what maximum number of rounds?

1. 7
2. 10
3. 12
4. 15

1-49. What is the maximum effective range of the M9 pistol?

1. 50 meters
2. 1,000 meters
3. 1,200 meters
4. 1,800 meters

1-50. During firing, what action recoils the slide and barrel assembly of an M9 pistol?

1. The upward pivot of the barrel
2. The spring action of the extractor
3. The pressure developed from expanding gases
4. The camming action of the barrel link as it passes over the disconnector

1-51. The M9 pistol can be assembled and disassembled with the safety in the OFF position.

1. True
2. False

1-52. The safety is in what location on the M-14 rifle?

1. On the left rear side of the receiver
2. Forward of the trigger guard
3. On the right rear side of the receiver
4. In the center of the rear hand grip

1-53. What condition probably exists if the safety on an M-14 rifle will not engage?

1. There is no magazine in the weapon
2. The bolt is not fully forward
3. The weapon is not cocked
4. The weapon is not loaded

1-54. What device activates the bolt lock of an M-14 rifle to hold the bolt open after the last round is fired?

1. The connector
2. The disconnector
3. The magazine latch
4. The magazine follower

1-55. The M-14 rifle uses what type of operation?

1. Blowback
2. Gas
3. Radial
4. Recoil

1-56. When is an M-14 rifle considered clear?

1. After the last round is fired, the bolt is open, and the safety is set
2. When the safety is set, the bolt is open, and there is no round in the chamber only
3. When the magazine is out, the bolt is open, and there is no round in the chamber only
4. When the bolt is open, the magazine is out, the safety is set, and there is no round in the chamber

1-57. What action should you take to remove the firing mechanism of an M-14 rifle?

1. Rotate the trigger guard away from the stock while depressing the trigger
2. Rotate the trigger guard 90 degrees away from the stock
3. Depress the retaining latch using the maintenance tool provided
4. Depress the retaining latch using the pointed end of a cartridge

1-58. Field-stripping an M-14 rifle does NOT include which of the following steps?

1. Removing the extractor from the bolt
2. Removing the bolt from the weapon
3. Removing the stock from the receiver
4. Removing the operating rod and connector

1-59. The M-14 is designed to fire what maximum number of rounds per minute during fully automatic fire?

1. 250
2. 350
3. 750
4. 850

1-60. In which of the following positions should the spindle valve of the M-14 rifle be to propel a line-throwing projectile?

1. In
2. Out
3. On
4. Off

1-61. When fully loaded, the tubular magazine of the M870 shotgun holds what maximum number of rounds?

1. Five
2. Six
3. Three
4. Four

1-62. The safety is in what location on the M870 shotgun?

1. In the center of the rear hand grip
2. On top of the receiver
3. In the front of the trigger guard
4. To the rear of the trigger guard

1-63. To put the M870 shotgun in the SAFE condition, you should push the safety in what direction?

1. Left to right
2. Right to left
3. Front to back
4. Back to front

1-64. To pump the fore-end to the rear when you cock the M870 shotgun, you should take which of the following actions?

1. Release the safety
2. Set the safety
3. Press the action bar lock
4. Release the action bar lock

1-65. What is the function of the action bar lock on the M870 shotgun?

1. It disconnects the trigger and sear assembly while the bolt is open and aligns each round of ammunition for proper seating
2. It aligns each round of ammunition for proper seating and locks the action closed
3. It locks the action closed and disconnects the trigger and sear assembly while the bolt is open
4. It aligns each round of ammunition for proper seating and prevents double feeding

1-66. What action should you take to remove the barrel of the M870 shotgun?

1. Unscrew the barrel retaining nut
2. Drive out the barrel retaining pins
3. Rotate the barrel lock 90 degrees
4. Remove the magazine cap

1-67. What action should you take to remove the breech bolt from the M870 shotgun?

1. Drive out the breech bolt retaining pin
2. Remove the fore-end unit from the receiver
3. Remove the bolt retainer and then pull the bolt through the ejection port
4. Remove the trigger plate assembly and pull the bolt through the bottom of the receiver

1-68. The safety switch is in what location on the M500 shotgun?

1. On top of the receiver
2. To the rear of the trigger guard
3. To the front of the trigger guard
4. On the bottom of the receiver

1-69. Where is the action lock release located on the M500 shotgun?

1. On top of the receiver
2. To the rear of the trigger guard
3. To the front of the trigger guard
4. On the bottom of the receiver

1-70. The Mk 87 Mod 1 line-throwing kit launcher is installed on an M-14 rifle in what manner?

1. The flash suppressor is removed from the rifle and the launcher is screwed onto the barrel in its place
2. The launcher is clamped to the gas cylinder of the rifle
3. The launcher is clamped around the flash suppressor
4. The launcher is slid over the flash suppressor and latched to the bayonet lug

1-71. What factor determines the active life of a chemical light wand?

1. Its age
2. Its chemical composition
3. The ambient temperature
4. Barometric pressure

1-72. What is the approximate length of a roll of shot line?

1. 330 ft
2. 500 ft
3. 550 ft
4. 600 ft

1-73. What is the maximum reliable range of a line-throwing projectile fired from an M-14 rifle?

1. 80 yd
2. 90 yd
3. 95 yd
4. 100 yd

1-74. When a line-throwing projectile is fired from a M-14 rifle the spindle valve should be in the horizontal position.

1. True
2. False

1-75. Which of the following grenada cartridges should you use for the M-14 rifle?

1. M 64
2. M 85
3. M164
4. M195